

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A machine for graphic printing on at least one card medium, comprising:

at least one ink-jet head;

a computer-aided vision device having at least one video camera for dynamic ~~measurement of geometric and/or positioning parameters~~ discrimination between areas on a surface of the card medium in which printing is to be performed and areas in which printing is not to be performed; and

means for controlling the head to implement ink-jet printing on the areas of the card medium in which printing is to be performed, in accordance with ~~the geometric and/or positioning parameters~~ information provided by said video camera.

2. (Previously Presented) A machine according to Claim 1, wherein the card medium is made of plastic, and the inks used are capable of being cross-linked by radiation.

3. (Previously Presented) A machine according to Claim 1, wherein said card medium is made of cardboard or paper, and the inks used are aqueous, phase-change or solvent-based.

4. (Previously Presented) A machine according to claim 1, wherein the card medium comprises a storage card, and said machine further includes a reader that reads information contained in the card, and communicates this information to the control means.

5. (Previously Presented) A machine according to Claim 4, wherein the information read by the reader comprises information to be printed on the storage card by means of the machine.

6. (Previously Presented) A machine according to claim 1, further including a support element for receiving a plurality of cards to be printed and transporting said cards past the head of the machine for continuous printing.

7. (Previously Presented) A machine according to Claim 6, wherein the support element comprises a flat conveyor.

8. (Previously Presented) A machine according to Claim 6 wherein the support element comprises a drum.

9. (Previously Presented) A machine according to claim 6, wherein the support element is perforated, and includes a suction device to hold the cards while it is moving.

10. (Previously Presented) A machine according to claim 1, further including a system for turning over the cards for double-sided printing.

11. (Previously Presented) A machine according to claim 6, comprising a number of print heads aligned along the direction of movement of the support element and facing said support element, at least one of which is a colour print head for printing images of the photographic or coloured type.

12. (Previously Presented) A machine according to claim 1, further including means for converting the ink into gel during printing by wavelength modulation, at a distance from the card.

13. (Previously Presented) A machine according to Claim 12, wherein said means for converting the ink into gel comprise an optical fibre placed after each print head, connected to a light radiation source that emits UVC radiation.

14. (Previously Presented) A machine according to claim 1, further including means for cross-linking the ink at the end of printing.

15. (Previously Presented) A machine according to claim 1, further including means for printing finishing material such as varnish, by ink jet, in accordance with geometric and/or positioning parameters of the card to be printed.

16. (Previously Presented) A machine according to claim 1, wherein said control means controls the print head to print in accordance with geometric and/or positioning parameters extracted beforehand from each card to be printed.

17. (Previously Presented) A machine according to claim 11, wherein another one of said print heads is a monochrome head for marking the card medium.

18. (Previously Presented) A machine according to claim 14, wherein said cross-linking is performed by means of an ultraviolet lamp .

19. (New) A machine for graphic printing on at least one storage card, comprising:

at least one ink-jet head;

a computer-aided vision device having at least one video camera for dynamic measurement of geometric and/or positioning parameters of the storage card;

a reader that reads information contained in the card that is to be printed on the storage card by means of the machine; and

means for controlling the head to implement ink-jet printing on the card medium in accordance with the geometric and/or positioning parameters provided by said video camera and the information read by the reader.